



## Dr. USAMA AHMAD

Associate Professor  
DOJ- 26/08/2015  
M.Pharm, Ph.D.  
Faculty of Pharmacy, Integral  
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### RESIDENTIAL ADDRESS

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### WORK EXPERIENCE:

Designation	Institute	Period
Associate Professor	Faculty of Pharmacy Integral University, Lucknow	November 01, 2022 to till date
Assistant Professor	Faculty of Pharmacy Integral University, Lucknow	December 01, 2019 to October 2022
Assistant Professor	Faculty of Pharmacy Integral University, Lucknow	February 01, 2019 to November 30, 2019
Assistant Professor	Faculty of Pharmacy Integral University, Lucknow	August 01, 2017 to January 31, 2019
Lecturer	Faculty of Pharmacy Integral University, Lucknow	August 26, 2015 to July 31, 2017
JRF (SERB-DST)	Nanopharmaceutical & Drug Delivery Research Lab (NDDRL), Integral University, Lucknow	August 2013 to September 2014

### EDUCATIONAL QUALIFICATIONS:

Period	Course and University
March 2014 - October 2018	Ph.D. (Pharmaceutics) Integral University, Lucknow, India
June 2011 – June 2013	Master of Pharmacy (Pharmaceutics) Amity University Uttar Pradesh, Lucknow Campus, India
July 2007 – June 2011	Bachelor of Pharmacy Shivdan Singh Institute of Technology & Management, Aligarh, (Affiliated to UPTU, Lucknow), India
July 2003 – May 2005	10+2 (ICSE/ISC Board), Science stream Boys' High School & College, Allahābād, Uttar Pradesh, India

### SCIENTIFIC MEMBERSHIPS/ PROFESSIONAL SOCIETIES:

- ❖ Controlled Release Society (2024 onwards)
- ❖ American Association for Cancer Research, Philadelphia, USA
- ❖ Royal Society of Chemistry (2022 onwards)
- ❖ British Society for Nanomedicine, University of Liverpool, United Kingdom
- ❖ Bentham Science Ambassador (2019-2020)
- ❖ Commonwealth Pharmacists Association
- ❖ International Association for the Study of Lung Cancer (IASLC) (Ex-member)
- ❖ The Science Advisory Board
- ❖ Asian Council of Science Editors

**ONLINE SHORT TERM COURSES / CONTINUING EDUCATION COMPLETED (MOOC):**

<b>Duration</b>	<b>Course Title</b>	<b>University</b>
Jan. 2015 – Feb. 2015	Introduction to Pharmacy	The Ohio State University, USA (Coursera certificate)
Nov. 2014 – Jan 2015	Understanding Research Methods	University of London, UK (Coursera certificate)
Dec. 2013 – Feb. 2014	Nanotechnology: The Basics	Rice University, USA (Coursera certificate)
Apr. 2013 – Jul. 2013	GCIP(General course on Intellectual Property)	World Intellectual Property Organization (WIPO), Genève, Switzerland
Sept. 2017	Focus on Peer Review	Nature Master Classes
Jan. 2018	Introduction to the Patent Cooperation Treaty	World Intellectual Property Organization (WIPO), Genève, Switzerland
April 2018	FDA's Role in Public Health: Drug Efficacy, Safety, Quality, and Beyond	FDA's CDER/Amedco
April 2018	FDA Overview of Biosimilar Products	FDA's CDER/Amedco
April 2018	Can Smoking Only 1 Cigarette a Day Raise Cardiovascular Risk?	Medscape
April 2018	How Many Cancers Could be prevented?	Medscape
May 2018	Evidence based management of diabetes	Queen's University, Belfast (online via medicinesNI)
May 2018	Principles of High Quality Peer Review	American Chemical Society (ACS Reviewer Lab)
Sept. 2018	All about Allergens	Allergy and Anaphylaxis Australia
March, 2019	Alzheimer's Disease Today and Tomorrow: Optimal Treatment and Collaborative Care	University of Cincinnati, USA
April 2020	The Challenges of Global Health	Duke University, USA (Coursera verified certificate)
April 2020	Global Health: An Interdisciplinary Overview	Universite de Geneve, Switzerland (Coursera verified certificate)
April 2020	Essentials of Global Health	Yale University, USA (Coursera verified certificate)

**ADMINISTRATIVE ROLES IN JOB:**

- ❖ Head Examiner of B.Pharm
- ❖ External subject expert in M.Pharm. viva examination at Amity University (2020, 2022)
- ❖ Course coordinator of B.Pharm third year (since 2019)
- ❖ Member of B.Pharm Programme Committee (August 2019 onwards)

- ❖ Member of 'Committee for Faculty Development' since February 2019
- ❖ Member of University Social Services (USS), (2017)
- ❖ Member of Department Anti Ragging Committee
- ❖ Member of Department Discipline Committee, 2017 onwards
- ❖ Course Coordinator of D.Pharm (2016-17)

### **RESEARCH PROJECTS:**

**PhD Research:** "Development and evaluation of silymarin nanoformulation for hepatic carcinoma" from March 2014 to March 2018 at Integral University, Lucknow and Jamia Hamdard, New Delhi

**SERB-DST (Govt. of India) Project:** "Nanotechnology based chemopreventive approaches to improve the oral delivery of silymarin in liver cancer" from Sept. 2013 to Aug. 2014 at Nanopharmaceutical & Drug Delivery Research Lab, Faculty of Pharmacy, Integral University, Lucknow, India.

**M.Pharm Research:** "Effect of water soluble polymers on complexation efficiency of inclusion complexes of curcumin" at Laboratory of Pharmaceutics, Amity University Uttar Pradesh, India in the session 2012-2013.

### **SUPERVISOR & CO-SUPERVISOR IN M.PHARM DISSERTATIONS:**

Candidate's Name	Title of the Thesis / Dissertation	Duration	Year
Mohd. Sameer Khan	Development and Evaluation of olive oil-based Curcumin Nanoemulgel for Skin Disease	12 months	2021-2022
Amit Kumar Singh	Development and evaluation of clove oil based Muporicin nanoemulgel for folliculitis	12 months	2021-2022
Aisha Shahid	Development and evaluation of Myricetin loaded liposomes for lung cancer therapy	12 months	2020-2021
Shaiber Siddiqui	Development and evaluation of Date seed oil loaded nanoemulsion for liver cancer therapy	12 months	2020-2021
Umar Shehu Datti	Nose to brain delivery of silymarin microemulsion: Formulation development and evaluation	12 months	2019-2020
Mohd Saquib Tanveer	D-limonene based Pravastatin nanoemulgel: Formulation development and evaluation	12 months	2019-2020
Moazzam Ahmad	Impact of surfactant type on physical stability of self Nanoemulsifying system of Myricetin	12 months	2018-2019
Tanmay Upadhyay	Formulation and evaluation of Multi-compartmental Transdermal Patch for simultaneous delivery of Diclofenac and Dicyclomine	12 months	2018-2019
Namita Singh	Formulation and evaluation of Salbutamol Sulphate loaded Pro- Liposomes	12 months	2017-2018
Asad Ali	Development and Characterization of Nanoemulsion containing Turmeric Leaf Oil and assessment of its Anti-Bacterial activity against strains of Gram Positive and Gram Negative Bacteria	12 months	2016-2017

### **SUPERVISOR & CO-SUPERVISOR IN Ph.D. RESEARCH:**

Ph.D. (pursuing) - 05

Ph.D. (awarded) - 01

## **PATENTS:**

1. Development and evaluation of myricetin nanoemulsion with anti-liver cancer activity (2023). Indian Patent Application Number: 202331015014
2. System for the preparation of transethosomal apigenin gel for oral administration (2022). German Utility Model Number (202022105412)

## **JOURNAL PUBLICATIONS:**

1. Shakeel, F., Al-Shdefat, R., Altamimi, M. A., & Ahmad, U. (2024). **Solubility and thermodynamic analysis of aceclofenac in different Carbitol + water mixtures at various temperatures.** BMC Chemistry, 18(1). doi:10.1186/s13065-024-01287-z
2. Khan, A. B., Arif, M., Ahmad, U., Hasan, S. M., & Khushtar, M. (2024). **GC-MS analysis and formulation of novel antiulcer phytosomes from methanol extract of Spondias mangifera Willd. stem bark.** Annals of Phytomedicine, 13(1). doi:10.54085/ap.2024.13.1.68
3. Sultana, N., Akhtar, J., Ahmad, U., (2024). **Myricetin loaded nanoemulgel: in vitro characterization and anti-inflammatory efficacy assessment in Sprague Dawley rats.** Biological Sciences, 04(02), pp-585-597
4. Sada, M., Khan, S., Khan, M. U., Khan, M. M., Kumar, P., & Ahamad, U. (2024). **Drug utilization and prescribing pattern in the treatment of urolithiasis: a perspective on World Health Organization recommendations.** International Journal of Basic & Clinical Pharmacology, 13(3), 371.
5. Ahsan, R., Khan, M.M., Mishra, A., Mishra, V., Noor, G., Ahmad, U., & Ahsan, F., (2024). **Phloridzin neuroprotective potential in alleviating scopolamine-induced Alzheimer's disease in male wistar rats.** (2024). Journal of Chemical Health Risks. 14(04), pp- 159-168. doi:10.52783/jchr.v14.i4.5239
6. Ali A., Ahmad U., Akhtar J., Badruddeen., Khursheed A., Upadhyay S., Siddiqui S., Ahmad R., Khare P., Khan M.M., Jahan A. (2023). **Exploring the anticancer potential of caffeic acid nanoemulsion: ROS induced apoptosis and cell cycle arrest in HCT116 colorectal cancer cells.** Annals of Phytomedicine, 12(2), 1-16.
7. Ahsan, R., Khan, M.M., Mishra, A., Noor, G. and Ahmad, U., 2023. **Protein Kinases and their Inhibitors Implications in Modulating Disease Progression.** The Protein Journal, 42(6), pp.621-632.
8. Khan, A. B., Arif, M., Ahmad, U., Kufti, A. A., & Kushwaha, S. P. (2024). **Microscopical evaluation and physicochemical analysis of Madhuca indica (JF Gmel) and Spondias mangifera Willd stem bark.** Journal of Pharmacognosy and Phytochemistry, 13(2), 728-732.
9. Jaiswal, H., Ansari, M.T., Mahmood, T., Ahsan, F., Ansari, V.A. and Ahmad, U., 2023. **Aceclofenac loaded microspheres: Formulation and evaluation of novel preprogrammed drug delivery for the treatment of arthritis.** Intelligent Pharmacy.
10. Jahan, A., Akhtar, J., Badruddeen, Jaiswal, N., Ali, A. and Ahmad, U., 2022. **Recapitulate genistein for topical applications including nanotechnology delivery.** Inorganic and Nano-Metal Chemistry, pp.1-12.
11. Khan, A. B. et al. (2022) **Spondias mangifera Willd.: A highly healthful turpentine aromatic plant for the management of the seasonal affective disorders.** Annals of phytomedicine, 11(1). doi: 10.54085/ap.2022.11.1.22.

12. Ali, A., Akhtar, J., Ahmad, U., Jaiswal, N., Jahan, A., Basheer, A.S. 2022. **Armamentarium in drug delivery for colorectal cancer**. Critical Reviews in Therapeutic Drug Carrier Systems (article ahead of print)
13. Shahid, A., Khan, M.M., Ahmad, U., Haider, M.F., Ali. A. 2022. **Exploring liposomes for lung cancer therapy**. Critical Reviews in Therapeutic Drug Carrier Systems. 39(04)
14. Qadir, A., Ahmad, U., Ali, A., Shahid, A., Aqil, M., Khan, N., Ali, A., Almalki, W.H., Alghamdi, S. Barkat, M.A., Beg, S. 2021. **Lipid engineered nanoparticles for burn wound therapy**. Current Pharmaceutical Biotechnology. DOI: 10.2174/1389201022666210823110532 (article ahead of print).
15. Srivastava, S., Haider, M.F., Ahmad, A., Ahmad, U., Arif, M. and Ali, A., 2021. **Exploring Nanoemulsions for Prostate Cancer Therapy**. Drug Research.
16. Khan, M.M., Ahmad, U., Akhtar, J., Khan, M.I. and Khan, M.F., 2021. **Cerebroprotective effect of pterostilbene against global cerebral ischemia in rats**. Heliyon, 7(5), p.e07083.
17. Rind, L., Ahmad, M., Khan, M.I., Akhtar, J., Ahmad, U., Yadav, C. and Owais, M., 2021. **An insight on safety, efficacy, and molecular docking study reports of N-acetylcysteine and its compound formulations**. Journal of Basic and Clinical Physiology and Pharmacology.
18. Khan, M.M., Badruddeen, Ahmad, U., Akhtar, J., Khan, M.I., Khan, M.F. 2021. **Acute and sub-acute oral toxicity of pterostilbene, docosahexanoic acid and its combination in sprague dawley rats**. Biochemical and cellular archives 21(1).
19. Kumar, S., Badruddeen., Singh, S.P., Akhtar, Juber., Khan, M.I., Ahmad, M., Ahmad, U. 2020. **Assessment of Analgesics Induced Adverse Drug reactions in a Tertiary Care Hospital**. Research Journal of Pharmacy and Technology 13(10). 4861-4864
20. Qadir, A., Aqil, M., Ahmad, U., Khan, N., Warsi, M.H., Akhtar J, Arif, M., Ali, A. and Singh, S.P. 2020. **Date seed extract-loaded oil-in-water nanoemulsion: Development, characterization, and antioxidant activity as a delivery model for rheumatoid arthritis**. J Pharm Bioall Sci. (Accepted on 5<sup>th</sup> May, 2020)
21. Khan, M.M., Badruddeen, Mujahid, M., Akhtar, J., Khan, M.I. and Ahmad, U., 2020. **An Overview on Stroke: Mechanism, in vivo Experimental Models Thereof and Neuroprotective Agents**. Current Protein & Peptide Science. 21(1).
22. Upadhyay, T., Ansari, V.A., Ahmad, U., Sultana, N. and Akhtar, J., 2020. **Exploring Nanoemulsion for Liver Cancer Therapy**. Current Cancer Therapy Reviews, 16(1).
23. Singh, N., Kushwaha, P., Ahmad, U. and Abdullah, M., 2019. **Proliposomes: An Approach for the Development of Stable Liposome**. Ars pharmaceutica, 60(4), pp.231-240.
24. Ali, A., Ahmad, U., Akhtar, J. and Khan, M.M., 2019. **Engineered nano scale formulation strategies to augment efficiency of nutraceuticals**. Journal of Functional Foods, 62, p.103554.
25. Ahmad, U., Ali, A., Khan, M.M., Siddiqui, M.A., Akhtar, J., Ahmad, F.J., 2019. **Nanotechnology based nutraceuticals: A review of current research development**. Nanoscience and Technology: An International Journal. 10(2),pp. 133-155. DOI: 10.1615/NanoSciTechnolIntJ.2019030098
26. Ahmad, U., Ahmad, Z., Khan, A.A., Akhtar, J., Singh, S.P. and Ahmad, F.J., 2018. **Strategies in Development and Delivery of Nanotechnology Based Cosmetic Products**. Drug Research. 68(10), pp. 545-552

27. Asad Ali, Usama Ahmad; 2018. **Nanoemulsion as a vehicle for transdermal drug delivery**. Insights in Biomedicine, 03(03), pp. 1-3
28. Ahmad U, (2018) **Bioinspired nanotechnologies as drug delivery system**. Nano Science and Nano Technology: An Indian Journal, Vol 12(1)
29. Ahmad, U., Akhtar, J., Singh, S.P., Badruddeen, Ahmad, F.J., Siddiqui, S. and Wahajuddin, 2017. **Silymarin nanoemulsion against human hepatocellular carcinoma: development and optimization**. Artificial Cells, Nanomedicine, and Biotechnology, 46(2): pp. 231-241.
30. Qadir, A., Ali, A., Arif, M., Al-Rohaimi, A.H., Singh, S.P., Ahmad, U., Khalid, M., Kumar, A., 2017. **Solvent extraction and GC-MS analysis of sesame seeds for determination of bioactive antioxidant fatty acid/fatty oil components**. Drug Research. 68(06), pp.344-348
31. Ali, A., Ansari, V.A., Ahmad, U., Akhtar, J., and Jahan, A., 2017. **Nanoemulsion: an advanced vehicle for efficient drug delivery**. Drug Research. 67(11), pp. 617-631.
32. Ahmad U, Faiyazuddin M., (2016) **Smart Nanobots: The Future in Nanomedicine and Biotherapeutics**. Journal of Nanomedicine and Biotherapeutic Discovery 6:e140. doi:10.4172/2155-983X.1000e140
33. Siddiqui, M.A., Ahmad, U., Khan, A.A., Ahmad, M., Badruddeen, Khalid, M. and Akhtar, J., 2016. **Isoprenaline: A tool for inducing myocardial infarction in experimental animals**. International Journal of Pharmacy, 6(2), pp.138-144.
34. Ahmad, U., Faiyazuddin, M., Hussain, M.T., Ahmad, S., Alshammari, T.M. and Shakeel, F., 2015. **Silymarin: an insight to its formulation and analytical prospects**. Acta Physiologiae Plantarum, 37(11), pp.1-17.
35. Khan, U.A., Ahmad, U., Ashhar, M.U., Javed, M.N., Jain, G.K. and Ahmad, F.J., 2015. **Development and evaluation of satranidazole nanoparticulate mucoadhesive system for periodontitis**. Journal Club for Pharmaceutical Sciences (JCPS), 2(1), pp.1-19.
36. Ahmad, U. and Faiyazuddin, M., 2014. **Patented Nanopharmaceuticals: A Hope for Patent Expired Formulations**. Intellectual Property Rights: Open Access

#### **CHAPTERS IN EDITED BOOK:**

1. Islam, A., Ahmad, U., Faiyazuddin, M., Ali, A., Khan, M.M., 2024. **Exploring the Potential of Marine Drugs: A Patent Perspective**. In Handbook of Research in Marine Pharmaceutics: Exploring Oceanic Microbial Diversity for Human Health and Wellness. pp-587-608. Apple Academic Press
2. Ahmad, U., Islam, A., Ali, V., 2024. **Regulations in Gulf Cooperation Council (GCC) Countries**. In Global Regulations of Medicinal, Pharmaceutical, and Food Products. pp- 228-242. CRC Press.
3. Sharma, S., Islam, A., Khan, M.M., Ahmad, U., 2024. **Liposomes: History, Properties, and Applications**. In Liposomes: Advances in Research and Applications. pp-1-32. Nova Science Publishers
4. Shahid, A., Ahmad, U., Islam, A., Ali, A. and Khan, M.M., 2023. **Emulsion Droplet System for Delivering Bioactive Components**. In Handbook of Nutraceuticals: Science, Technology and Engineering (pp. 1-25). Cham: Springer International Publishing.
5. Shahid, A., Ahmad, U., Islam, A., Ali, A. and Khan, M.M., 2023. **Nutraceuticals and Nanonutraceuticals Formulation for Chronic Disease – Cancer**. In Handbook of Nutraceuticals: Science, Technology and Engineering (pp. 1-41). Cham: Springer International Publishing.



6. Sharma, S., Ahmad, U., Akhtar, J., Islam, A., Khan, M.M. and Rizvi, N., 2023. **The Art and Science of Cosmetics: Understanding the Ingredients.** In: Cosmetic Products and Industry-New Advances and Applications. IntechOpen Publishers.
7. Anwar, S.S., Ahmad, U., Khan, M.M., Haider, M.F. and Akhtar, J., 2022. **Artificial Intelligence in Healthcare: An Overview.** In: Smart Drug Delivery. Editors, Usama Ahmad, Juber Akhtar, Md Faheem Haider. IntechOpen Publishers.
8. Sultana, N., Akhtar, J., Khan, M.I., Ahmad, U., Arif, M., Ahmad, M. and Upadhyay, T., 2022. **Nanoemulgel: For Promising Topical and Systemic Delivery.** In: Drug Development Life Cycle. Editors, Prof. Juber Akhtar, Dr. Badruddeen, Dr. Mohammad Ahmad and Dr. Mohammad Irfan Khan. IntechOpen Publishers
9. Warsi, M.H., Ahmad, U., Qadir, A., Muheem, A., Ahmad, J., 2021 **Fate of nanoemulsion in biological system.** In: Nanoemulsion in Food Technology: Development, Characterization and Applications, Edited by: Javed Ahmad, Leo M.L. Nollet. Published by CRC Press
10. Siddiqui, M.A., Ahmad, U., Ali, A., Ahsan, F. and Haider, M.F., 2021. **Role of Vitamin E in Pregnancy.** In Vitamin E in Health and Disease-Interactions, Diseases and Health Aspects. IntechOpen.
11. Ali, A., Ahmad, Z., Ahmad, U., Khan, M.M., Haider, M.F., Akhtar, J. (2020) **Integrating Nanotherapeutic Platforms to Image Guided Approaches for Management of Cancer.** In Molecular Pharmacology, Edited by Angel Catala and Usama Ahmad, IntechOpen Publishers.
12. Ali, A., Ahmad, U., Akhtar, J. (2019). **3D Printing in Pharmaceuticals: An overview;** In Pharmaceutical Formulation Design: Recent Practices, Edited by Usama Ahmad and Juber Akhtar, Intech Open Publishers
13. Ahmad, U., Hussain, M.T., Faiyazuddin M. (2014). **Improved oral delivery of Silymarin in liver cancer.** In Nanotechnology: Novel perspectives & Prospects. Edited by Bhupender Singh, Anupma Kaushik, S K Mehta, S K Tripathi. McGraw Hill Publishers, USA. Pages 809-817

### **BOOKS EDITED:**

1. Usama Ahmad, Anas Islam; '**Liposomes: Advances in Research and Applications**'. Nova Science Publishers. Publication Date: April 22, 2024. ISBN: 979-8-89113-636-6
2. Usama Ahmad, Juber Akhtar; '**Cosmetic Products and Industry-New Advances and Applications**' published by IntechOpen Publishers, London, UK with following details: Publication Date: Nov 2<sup>nd</sup> 2023. ISBN: 978-1-83768-622-3
3. Usama Ahmad; '**Dosage Forms – Innovation and Future Perspectives**' published by IntechOpen Publishers, London, UK with following details: Publication Date: April 5th 2023. ISBN: 978-1-80355-211-8
4. Usama Ahmad, Md. Faheem Haider, Juber Akhtar; '**Smart Drug Delivery**' published by IntechOpen Publishers, London, UK with following details: Publication Date: December 6th 2022. ISBN: 978-1-83969-539-1
5. Usama Ahmad and Juber Akhtar; '**Pharmaceutical Formulation Design: Recent Practices**' published by IntechOpen Publishers, London, UK. Publication Date: February 5th 2020. DOI: 10.5772/intechopen.78460 ISBN: 978-1-78985-839-6 Print ISBN: 978-1-78985-662-0

## **ARTICLES PUBLISHED IN MAGAZINE:**

1. Success in fragrance industry determined by uniqueness. *Ingredients South Asia*, Issue 16-31 October 2020. Page 46
2. Preservatives prevent product damage. *Ingredients South Asia*, Issue 16-31 March 2020. Page 27,29
3. 3D Printing in Pharmaceuticals. *QualPharma International*, Vol.02, Issue 07, July 2019
4. Principal Phthalate used in Europe is DEP. *Ingredients South Asia*, Issue 1-15 April 2019. Page 56,57
5. Beauty and health via nutritional products. *Ingredients South Asia*, Issue 16-30 April 2018. Page 58,62
6. Use of nanotech for development of herbals. *Ingredients South Asia*, Issue 16-31 January 2018. Page 50-51
7. Essential oils use based on odorous properties. *Ingredients South Asia*, Issue 15-30 November 2017. Page 180-181
8. Microbeads and environmental contamination. *Ingredients South Asia*, Issue 1-15 February 2017. Page 40-43
9. Neem- Source of health, hygiene and beauty. *Ingredients South Asia*, Issue 1-15 December 2016. Page 29-31
10. Natural or Non synthetic skin care ingredients. *Ingredients South Asia*, Issue 16-30 November 2016. Page 156-158
11. Palm Oil or The Asian Oil- Uses and Benefits. *Ingredients South Asia*, Issue 16-31 October 2016. Page 78-79
12. Organic-Natural way to avoid health issues. *Ingredients South Asia*, Issue 1-15 July 2016. Page 37-38,42
13. Use of nanotechnology and healthcare aspects. *Ingredients South Asia*, Issue 16-31 May 2016. Page 52-54

## **KEYNOTE PRESENTATIONS:**

1. Delivered presentation on ‘**3D Printing in Pharmaceutical Sector: An Overview**’ organized by Coalesce Research Group at ‘5th International Webinar’ on “3D Printing & Additive Manufacturing” held during November 08-09, 2021
2. Delivered presentation on ‘**Developing Personalized Medicines by 3D Printing Technology**’ on the theme ‘3D Printing Technology become an Innovative Prospect for Pharmaceutical Industries in Drug Delivery System’ sponsored by Dr. A.P.J Abdul Kalam Technical University, held at Shambhunath Institute of Pharmacy, Prayagraj on 13<sup>th</sup> February 2020.

## **WORKSHOP/FACULTY DEVELOPMENT PROGRAMMES**

- AICTE sponsored online FDP on ‘Drug Engineering: Challenges and Innovations’ organized by ITS College of Pharmacy from 13.09.2021 to 17.09.2021.
- Formulation & Delivery Europe: Online. Organized by Oxford Global Conferences from Tuesday, 20 April 2021 - Wednesday, 21 April 2021.
- ‘Endnote Certification Series’ by Clarivate Analytics from 9<sup>th</sup> April to 11<sup>th</sup> April 2021.
- Workshop on ‘Particle size characterization and Rheology’ organized by Anton Paar at Amity University, Lucknow campus on 10<sup>th</sup> July 2019.
- Workshop on ‘*Allergy Update*’ organized under aegis of Indian College of Allergy, Asthma and Applied Immunology at Integral Institute of Medical Sciences and Research, Lucknow on 31<sup>st</sup> October 2018
- Workshop on ‘*Plagiarism*’ organized by King George’s Medical University, Lucknow on 4<sup>th</sup> November 2017
- “*Cyber security*” workshop organized by Innovative Ideas Infotech Society in association with UPTU and UP Police on 5<sup>th</sup> to 6<sup>th</sup> April, 2016.
- “*Social Entrepreneurship Workshop*” organized by Entrepreneurship Cell of Integral University & Indian Institute of Technology (IIT), Kanpur on 3 Nov. 2016.
- “*Entrepreneurship Awareness Drive 2016*” organized by Entrepreneurship Cell of Integral University & Indian Institute of Technology (IIT), Kharagpur on 19 October 2016.



- “*Hands-on training on HPLC*” organized by Department of Chemistry (Faculty of Science) and Faculty of Pharmacy in collaboration with Agilent Technologies India Pvt. Ltd on 26 October, 2015
- “*Fluidized Bed Processor & Spheronisation*” at Hygia Institute of Pharmaceutical Education & Research, Lucknow

### **POSTER PRESENTATIONS:**

- ‘Liposomes as an effective carrier system for pulmonary delivery’ presented during 10<sup>th</sup> Virtual Nanotechnology Poster Conference’ organized by The International NanoScience Community, April 2021
- ‘Nanotechnology in ovarian cancer therapy’ presented during 8<sup>th</sup> Virtual Nanotechnology Poster Conference’ organized by The International NanoScience Community, 2018
- ‘*Nanosponge: Applications in controlled drug delivery*’ presented during 7<sup>th</sup> Virtual Nanotechnology Poster Conference’ organized by The International NanoScience Community, 2017
- ‘*Nanoemulsion: An advanced vehicle for anti-cancer drug delivery*’ presented during 6<sup>th</sup> Virtual Nanotechnology Poster Conference’ organized by The International NanoScience Community.
- ‘*Nano based strategies to enhance the oral delivery of anti-cancer therapeutics*’ presented during ‘5<sup>th</sup> Virtual Nanotechnology Poster Conference’ organized by The International NanoScience Community.
- ‘*Oral delivery enhancement techniques for silymarin: A nanotechnological perspective*’ presented during ‘2<sup>nd</sup> International Symposium on Dendrimers in Nano Drug Delivery’, held at Central Drug Research Institute, Lucknow, India.
- ‘*Innovative trends in development of anti-cancer nanomedicines*’ presented during ‘International Pharmaceutical Conference – 2015’ held at Babsaheb Bheemrao Ambedkar University, Lucknow, India.

### **CONFERENCES ATTENDED:**

#### **INTERNATIONAL**

- ‘Industry-Academia Meet’ at India International Science Festival, organized by Ministry of Science and Technology, Govt. of India on 5<sup>th</sup> to 8<sup>th</sup> October 2018 at Indra Gandhi Pratishthan, Lucknow.
- “International congress on Post-harvest technologies of agricultural produce for sustainable food and nutritional security”. organized by Department of Agriculture Science, Integral University in association with UPCAR, Lucknow on 10 -12 Nov. 2016
- “Exploring opportunities and future avenues in pharmaceutical sciences” organized by Azad Institute of Pharmacy and Research (Azad Technical Campus) on 23<sup>rd</sup> -25<sup>th</sup> February, 2016
- “Biotechnological advancement in free radical biology and medicine (ICBAFM)” organized by Department of Biosciences and Bioengineering, Integral University on 14<sup>th</sup>-16<sup>th</sup> November, 2015
- “Nanoformulations and Translational Research: Small getting Bigger” held at Babasaheb Bhimrao Ambedkar University, Lucknow on 02-03 February, 2015
- “Dendrimers in Nano Drug Delivery”, held at CDRI, Lucknow

#### **NATIONAL**

- Webinar on ‘Stress management in Covid Era’ organized by Spectrum Hi Pharmacy College, Sultanpur on 24<sup>th</sup> April 2021.
- Continuous Education Programme (CEP) on ‘*Teaching the trainers*’ organized at Amity Institute of Pharmacy, Amity University Uttar Pradesh, Lucknow from 29<sup>th</sup> to 31<sup>st</sup> August 2018
- Symposium on ‘*Scientific writing and Plagiarism*’ organized by Amity Institute of Pharmacy, Amity University Uttar Pradesh, Lucknow on 29<sup>th</sup> August 2017
- FDP on ‘*Drug patenting and Intellectual Property Rights*’ organized by Dr. A.P.J Abdul Kalam University, Lucknow from 24<sup>th</sup> to 28<sup>th</sup> July 2017

- Seminar on “*Pharmacist: Caring for you*” organized on occasion of World Pharmacist Day by Faculty of Pharmacy, Integral University on 26<sup>th</sup> September, 2016.
- Seminar on “*Pharmacist: Caring for you*” organized on occasion of World Pharmacist Day by Goel Institute of Pharmacy & Science on 25<sup>th</sup> September, 2016.
- “*Profession of Pharmacy: Challenges and opportunities*” organized by Institute of Pharmaceutical Sciences and Research (I.P.S.R), Unnao on 18<sup>th</sup> October, 2015
- “*Pharmacist: your partner in health*” organized on occasion of World Pharmacist Day by Faculty of Pharmacy, Integral University on 30<sup>th</sup> September, 2015
- “*Novel tools and treatment approaches in health care system*” organized by Faculty of Pharmacy, Integral University on 3<sup>rd</sup> March, 2015.

### **PERSONAL DETAILS:**

Name:	Usama Ahmad
Date of Birth:	19 <sup>th</sup> April 1986
Father’s Name:	Mr. Ashfaq Ahmad
Permanent address:	House No. 69, Vill: Mohiuddinpur, Post: Mansoorabad, Distt: Allahabad-229411, Uttar Pradesh, India
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### **DECLARATION:**

I hereby solemnly affirm that the above information is true to the best of my knowledge and none of the above facts have been falsely stated.

***Dr. Usama Ahmad***